

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. LAM1P175/P1148

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MAGNETIC ENHANCEMENT FOR MECHANICAL CONFINEMENT OF PLASMA, the specification of which,

(check one)

1. is attached hereto.
2. was filed on _____ as
U.S. Application No. _____
and was amended on _____
3. was filed on _____ as
International PCT Application No. _____
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Priority Benefits Claimed?
Yes No

(Application No.)	(Country)	(Filing Date)	Yes <input type="checkbox"/> No <input type="checkbox"/>
_____	_____	_____	Yes <input type="checkbox"/> No <input type="checkbox"/>

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

(Application No.)	(Filing Date)
_____	_____

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434



22434

PATENT AND TRADEMARK OFFICE

Direct Telephone Calls To:

Michael Lee at telephone number (831) 655-2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 101 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of
Sole or First Inventor: DOUGLAS L. KEIL Citizenship: USA

Inventor's signature: Douglas L. Keil Date of Signature: 6/19/2003

Residence: (City) Fremont (State/Country) CA/USA

Post Office Address: 34421 Montgomery Place, Fremont, CA 94555

Typewritten Full Name of
Second Inventor: LIJIN LI Citizenship: USA

Inventor's signature: _____ Date of Signature: _____

Residence: (City) Santa Clara (State/Country) CA/USA

Post Office Address: 3480 Tracy Drive, Santa Clara, CA 95051

Typewritten Full Name of
Third Inventor: ERIC A. HUDSON Citizenship: USA
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Berkeley (State/Country) CA/USA
Post Office Address: 1820 Catalina Avenue, Berkeley, CA 94707

Typewritten Full Name of
Fourth Inventor: REZA SADJADI Citizenship: USA
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Saratoga (State/Country) CA/USA
Post Office Address: 19413 Vineyard Lane, Saratoga, CA 95070

Typewritten Full Name of
Fifth Inventor: ERICH H. LENZ Citizenship: USA
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Pleasanton (State/Country) CA/US
Post Office Address: 2662 Chocolate Street, Pleasanton, CA 94588

Typewritten Full Name of
Sixth Inventor: RAJINDER DHINDSA Citizenship: USA
Inventor's signature: _____ Date of Signature: _____
Residence: (City) San Jose (State/Country) CA/USA
Post Office Address: 3670 Rolling Side Drive, San Jose, CA 95148

Typewritten Full Name of
Seventh Inventor: JI SOO KIM Citizenship: Korea
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Pleasanton (State/Country) CA/USA
Post Office Address: 4621 Cochise Court, Pleasanton, CA 94588

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. LAM1P175/P1148

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MAGNETIC ENHANCEMENT FOR MECHANICAL CONFINEMENT OF PLASMA, the specification of which,

(check one)

1. is attached hereto.
2. was filed on _____ as
U.S. Application No. _____
and was amended on _____
3. was filed on _____ as
International PCT Application No. _____
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
(Application No.)	(Country)	(Filing Date)	Yes <input type="checkbox"/> No <input type="checkbox"/>
_____	_____	_____	Yes <input type="checkbox"/> No <input type="checkbox"/>
_____	_____	_____	Yes <input type="checkbox"/> No <input type="checkbox"/>

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

(Application No.)	(Filing Date)
_____	_____

Prior U.S. Application(s)

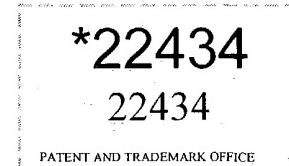
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
-------------------	---------------	---

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
-------------------	---------------	---

Power of Attorney

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:**Customer Number: 022434****Direct Telephone Calls To:****Michael Lecat telephone number (831) 655-2300**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of
Sole or First Inventor:DOUGLAS L. KEILCitizenship: USA**Inventor's signature:****Date of Signature:**Residence: (City) Fremont(State/Country) CA/USAPost Office Address: 34421 Montgomery Place, Fremont, CA 94555Typewritten Full Name of
Second Inventor:LUMIN LICitizenship: USA**Inventor's signature:****Date of Signature:** 6/18/03Residence: (City) Santa Clara(State/Country) CA/USAPost Office Address: 3480 Tracy Drive, Santa Clara, CA 95051

Typewritten Full Name of
Third Inventor:

ERIC A. HUDSON

Inventor's signature:

Residence: (City)

Berkeley

Post Office Address:

1820 Catalina Avenue, Berkeley, CA 94707

Citizenship: USA

Date of Signature: 6/18/03

(State/Country) CA/USA

Typewritten Full Name of
Fourth Inventor:

REZA SADJADI

Inventor's signature:

Residence: (City)

Saratoga

Post Office Address:

19413 Vineyard Lane, Saratoga, CA 95070

Citizenship: USA

Date of Signature: 6-19-03

(State/Country) CA/USA

Typewritten Full Name of
Fifth Inventor:

ERIC H. LENZ

Inventor's signature:

Residence: (City)

Pleasanton

Post Office Address:

2662 Chocolate Street, Pleasanton, CA 94588

Citizenship: USA

Date of Signature: 6-19-03

(State/Country) CA/US

Typewritten Full Name of
Sixth Inventor:

RAJINDER DHINDSA

Inventor's signature:

Residence: (City)

San Jose

Post Office Address:

3670 Rolling Side Drive, San Jose, CA 95148

Citizenship: USA

Date of Signature: 6/18/03

(State/Country) CA/USA

Typewritten Full Name of
Seventh Inventor:

JI SOO KIM

Inventor's signature:

Residence: (City)

Pleasanton

Post Office Address:

4621 Cochise Court, Pleasanton, CA 94588

Citizenship: Korea

Date of Signature: June 18, 2003

(State/Country) CA/USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: KEIL et al.

Attorney Docket No.:
LAM1P175/P1148

Application No.: Filed Herewith

Examiner: Unassigned

Filed: Herewith

Group: Unassigned

**Title: MAGNETIC ENHANCEMENT FOR
MECHANICAL CONFINEMENT OF PLASMA**

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on June 20, 2003 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number ET582748034US, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Sue Funchess
Sue Funchess

ASSOCIATE POWER OF ATTORNEY

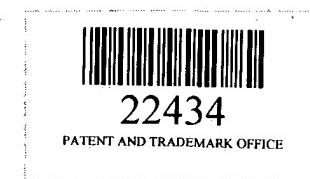
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned attorney of record in the subject patent application hereby grants an Associate Power of Attorney to add Jeffrey J. Brooks, Registration No. 35,834 and Michael Brandt, Registration No. 39,119, both of Lam Research Corporation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence for this application as follows:

Customer Number 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 778
Berkeley, CA 94704-0778



Please direct any calls to Michael Lee at (831) 655-2300.

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

Michael Lee
Michael Lee
Reg. No. 31,846